



**Introduction to Stream Restoration  
Using Natural Channel Design Techniques  
April 18-19, 2006**

Pensacola Junior College, Milton Campus room 4900  
Milton, Florida

This two-day workshop will introduce principles of fluvial geomorphology - the physical, chemical and biological processes that define stream corridors – for application in restoring impaired stream channels. Participants will learn about stream processes related to channel formation, field assessment techniques, identifying bankful stage, the Rosgen classification system for natural streams, channel evolution, and restoration options for degraded streams. Instructors will emphasize stream conditions specific to the Southeastern United States. Case studies of recently completed stream restoration projects will be presented to demonstrate effective natural stream techniques. The lead instructor, Dr. Greg Jennings, Professor of Biological and Agricultural Engineering at North Carolina State University (NCSU) has more than 20 years of experience in water resources engineering, water quality protection, watershed hydrology, and environmental restoration and has worked on more than 45 stream assessments and restoration projects throughout the Southeast. Each participant will receive a reference manual.

**Who should attend?** Water resources agency personnel, natural resource engineers and managers, hydrologists, geomorphologists, civil engineers, foresters, geologists and surveyors, landscape architects and contractors, land owners and concerned citizens.

**The workshop will cover:**

- Fluvial processes and natural channel design
- Rosgen stream classification system
- Hydraulic geometry regional curves
- Channel evolution and stream stability
- Restoration options for incised streams
- In-stream structures
- Road crossing considerations
- Floodplains and vegetation considerations
- Stream restoration case studies
- Local and regional initiatives

**Registration:**

The general registration is \$150. A special discounted registration of \$75 is available for members of government, non-profit groups and private landowners. To register contact

Chris Verlinde, UF/IFAS Santa Rosa County Sea Grant Marine Extension, 850-623-3868  
or [christinav@co.santa-rosa.fl.us](mailto:christinav@co.santa-rosa.fl.us)

Make checks payable to: Santa Rosa County Overall Advisory Committee Fund. Please,  
no credit cards or purchase orders. The workshop is limited to 40 participants.  
Registration fees are not refundable. **Registration deadline is April 1, 2006.**

For more information, directions and lodging accommodations contact:

Chris Verlinde  
UF/IFAS Santa Rosa County Sea Grant Extension  
(850) 623-3868  
[christinav@co.santa-rosa.fl.us](mailto:christinav@co.santa-rosa.fl.us)

This workshop is sponsored by:

- U.S. Fish and Wildlife Service, Partners for Fish and Wildlife Program
- UF/IFAS Santa Rosa County Sea Grant Extension

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**Registration Form**

Name\_\_\_\_\_

Company\_\_\_\_\_

Title\_\_\_\_\_

Mailing Address\_\_\_\_\_

City\_\_\_\_\_ State\_\_\_\_\_ Zip\_\_\_\_\_

Phone (\_\_\_\_)\_\_\_\_\_

E-mail\_\_\_\_\_

Please check registration type: general (\$150)\_\_\_\_\_

Government/nonprofit (\$75)\_\_\_\_\_

Mail registration form and payment to:

Stream Restoration Workshop  
UF/IFAS Santa Rosa County Sea Grant Extension  
6263 Dogwood Drive  
Milton, Florida 32570

